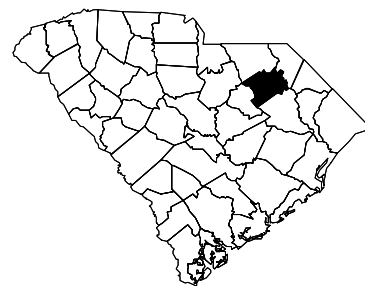


# IMPACT OF CHRONIC CONDITIONS DARLINGTON County, 2003



In the year 2003, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and se

The distribution of Darlington county's population is similar to the state population. The majority (36%) of the population in Darlington county are between the ages of 18-44, and there are more females (53%) than males (47%). However, Darlington county h

	DARLINGTON COUNTY	STATE
<b>Population size</b>	67,956	4,147,153
<b>Age distribution (%)</b>		
<18	25	25
18-44	36	39
45-64	26	25
65-84	11	11
85+	1	1
<b>Race (%)</b>		
White	57	68
Black & Other	43	32
<b>Sex (%)</b>		
Male	47	49
Female	53	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors th

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	36	26
Sedentary lifestyle	28	23
Overweight	62	60
High Cholesterol	33	33

Some preventive measures such as immunization were included in the 2003 SC BRFSS. For persons age 65 and older in South Carolina:

30.7% have not received the flu shot in the past 12 months

37.0% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

<b>HYPERTENSION</b>	<b>County</b>					<b>State</b>
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	29.2	.	.	.	.	28.8
Number of hospitalizations	118	85	33	51	67	3,245
Standard rate of hospitalizations (per 100,000)	174	290	85	158	187	78
Median age of hospitalized patients	54	54	61	56	53	56
Total cost of hospitalization (\$)	2,107,940	1,563,343	544,597	875,206	1,232,734	52,866,316
Average length of hospital stay (days)	5	5	4	4	5	5
Number of ED visits	181	118	63	77	104	7,709
Standard rate of ED visits (per 100,000)	266	402	163	239	291	186
Median age of ED patients	50	48	61	48	53	51
Total cost of ED visits (\$)	216,767	131,128	85,639	100,535	116,232	7,612,028
Number of deaths*	6	3	3	3	3	402
Standard death rate (per 100,000)*	9	13	7	11	7	10

<b>HEART DISEASE</b>	<b>County</b>					<b>State</b>
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	4.64	.	.	.	.	5.13
Number of hospitalizations	1,574	500	1,074	788	786	61,159
Standard rate of hospitalizations (per 100,000)	2,316	1,703	2,778	2,446	2,199	1,475
Median age of hospitalized patients	65	62	66	63	68	68
Total cost of hospitalization (\$)	44,270,422	12,680,099	31,590,323	24,200,366	20,070,056	1,816,677,850
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ED visits	244	111	133	114	130	13,731
Standard rate of ED visits (per 100,000)	359	378	344	354	364	331
Median age of ED patients	61	59	62	60	62	63
Total cost of ED visits (\$)	630,288	242,495	387,793	318,056	312,232	36,263,407
Number of deaths*	218	89	129	108	110	9,535
Standard death rate (per 100,000)*	322	381	293	404	262	235

<b>STROKE</b>	<b>County</b>					<b>State</b>
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	3.68	.	.	.	.	2.38
Number of hospitalizations	294	107	187	120	174	13,846
Standard rate of hospitalizations (per 100,000)	433	364	484	373	487	334
Median age of hospitalized patients	70	68	72	69	72	71
Total cost of hospitalization (\$)	6,438,964	2,537,438	3,901,526	2,982,777	3,456,187	299,033,282
Average length of hospital stay (days)	6	7	6	7	6	6
Number of ED visits	42	18	24	28	14	2,751
Standard rate of ED visits (per 100,000)	62	61	62	87	39	66
Median age of ED patients	67	63	68	65	73	68
Total cost of ED visits (\$)	162,303	82,167	80,136	113,902	48,401	7,652,759
Number of deaths*	58	26	32	22	36	2,744
Standard death rate (per 100,000)*	90	119	76	88	86	69

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	569	236	333	232	337	16,179
Standard rate of hospitalizations (per 100,000)	837	804	861	720	943	390
Median age of hospitalized patients	51	35	57	41	52	60
Total cost of hospitalization (\$)	7,451,803	2,248,263	5,203,540	2,585,903	4,865,900	223,663,816
Average length of hospital stay (days)	4	3	5	3	4	5
Number of ED visits	1,143	677	466	527	616	42,923
Standard rate of ED visits (per 100,000)	1,682	2,306	1,205	1,636	1,723	1,035
Median age of ED patients	27	24	33	19	33	33
Total cost of ED visits (\$)	1,076,840	597,462	479,378	477,471	599,369	36,631,840
Number of deaths*	32	3	29	17	15	1,902
Standard death rate (per 100,000)*	46	12	61	70	36	47

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	9	.	.	.	.	9.3
Number of hospitalizations	246	121	125	82	164	8,530
Standard rate of hospitalizations (per 100,000)	362	412	323	255	459	206
Median age of hospitalized patients	54	54	60	57	54	54
Total cost of hospitalization (\$)	4,641,805	1,968,060	2,673,745	1,734,097	2,907,708	141,373,503
Average length of hospital stay (days)	6	5	6	6	5	6
Number of ED visits	229	150	79	89	140	9,593
Standard rate of ED visits (per 100,000)	337	511	204	276	392	231
Median age of ED patients	53	56	50	53	56	-
Total cost of ED visits (\$)	279,657	176,552	103,105	102,723	176,934	10,576,048
Number of deaths*	20	12	8	8	12	1,161
Standard death rate (per 100,000)*	28	47	17	26	28	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	470	198	272	183	287	23,320
Standard rate of hospitalizations (per 100,000)	692	674	703	568	803	562
Median age of hospitalized patients	60	56	61	66	53	60
Total cost of hospitalization (\$)	13,636,823	5,549,336	8,087,487	6,362,993	7,273,830	636,742,003
Average length of hospital stay (days)	7	6	7	8	6	6
Number of deaths*	153	64	89	81	72	8,479
Standard death rate (per 100,000)*	217	269	192	272	174	202

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	53	12	41	33	20	2,107
Standard rate of hospitalizations (per 100,000)	78	41	106	102	56	51
Median age of hospitalized patients	67	72	64	64	71	68
Total cost of hospitalization (\$)	2,335,687	700,866	1,634,821	1,644,308	691,379	80,266,988
Average length of hospital stay (days)	10	13	8	11	8	9
Number of deaths*	18	6	12	10	8	822
Standard death rate (per 100,000)*	26	26	26	35	19	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	28	9	19	.	28	1,311
Standard rate of hospitalizations (per 100,000)	78	58	93	.	78	62
Median age of hospitalized patients	60	63	57	.	60	62
Total cost of hospitalization (\$)	523,196	139,436	383,760	.	523,196	21,290,871
Average length of hospital stay (days)	3	3	3	-	3	3
Number of deaths*	9	6	3	-	9	588
Standard death rate (per 100,000)*	22	37	12	-	22	25

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	2	1	1	-	2	209
Standard rate of hospitalizations (per 100,000)	6	6	5	-	6	10
Median age of hospitalized patients	68	81	54	-	68	50
Total cost of hospitalization (\$)	18,752	9,771	8,981	-	18,752	4,799,481
Average length of hospital stay (days)	4	5	3	-	4	6
Number of deaths*	-	-	-	-	-	72
Standard death rate (per 100,000)*	-	-	-	-	-	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	56	18	38	38	18	2,211
Standard rate of hospitalizations (per 100,000)	82	61	98	118	50	53
Median age of hospitalized patients	69	69	69	69	69	67
Total cost of hospitalization (\$)	1,404,050	383,436	1,020,614	955,830	448,220	72,351,955
Average length of hospital stay (days)	9	6	10	7	13	8
Number of deaths*	51	20	31	33	18	2,620
Standard death rate (per 100,000)*	73	87	67	108	45	62

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	26	12	14	26	-	1,159
Standard rate of hospitalizations (per 100,000)	81	86	76	81	-	57
Median age of hospitalized patients	68	68	67	68	-	64
Total cost of hospitalization (\$)	446,476	172,226	274,250	446,476	-	22,439,664
Average length of hospital stay (days)	9	4	13	9	-	4
Number of deaths*	2	1	1	2	-	438
Standard death rate (per 100,000)*	11	14	11	11	-	30

\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

#### For more information about

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